

Title (en)

MOISTURE CURABLE POLYMER SYSTEMS BASED ON A MIXTURE OF POLYSILYLATED POLYETHERS

Title (de)

FEUCHTIGKEITSHÄRTBARE POLYMERSYSTEME AUF DER BASIS EINER MISCHUNG AUS POLYSILYLIERTEN POLYETHERN

Title (fr)

SYSTÈMES DES POLYMÈRE DURCISSABLE À L'HUMIDITÉ À BASE DE MÉLANGE DES POLYÉTHERS POLYSILYLÉS

Publication

EP 3237489 B1 20190130 (EN)

Application

EP 15817018 A 20151205

Priority

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- US 2015064149 W 20151205

Abstract (en)

[origin: WO2016105915A1] Low viscosity mixtures of polysilylated polyethers are described. The mixtures include a) 50 to 95 weight percent of one or more first polysilylated polyethers which are free of urea groups, have an average of two or more terminal hydrolysable silyl groups per molecule and have a molecular weight of 4,000 to 20,000 and 50 to 5 weight percent of one or more second polysilylated polyethers which are free of urea groups, have an average of 1.8 to 4 terminal hydrolysable silyl groups per molecule and have a molecular weight of 1000 to less than 400. The mixtures have surprisingly low viscosities, and are useful as curable components of adhesive, sealant, caulking and/or coating compositions.

IPC 8 full level

C08G 65/333 (2006.01); **C08G 18/28** (2006.01); **C08G 18/50** (2006.01); **C08G 65/334** (2006.01); **C08G 65/336** (2006.01); **C08L 101/10** (2006.01)

CPC (source: CN EP RU US)

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C08G 65/33348 (2013.01 - CN EP RU US); **C08G 65/3348** (2013.01 - US); **C08G 65/336** (2013.01 - CN EP RU US);
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